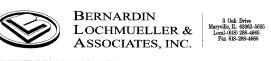
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Illinois Departm of Transportation Division of Highways Illinois Department of Transportation	n	-		S	OIL BORING LOG		Date	06	01/09
ROLITE		TION	S		Replacement - US 50 over Lackey				
FAP 327 DE	SCRIE	TION			Creek LC	OGGE	D BY	S	CI
SECTION 15B-1	_ L	OCAT	ION	~0.2	mile E of Union (MO) Pacific RR; SW 1/4,	SEC.	12, TV	VP. 2N	RNO
COUNTY Marion DRILLING	ME	THOD		CN	ME 750 wHSA HAMMER TYPE		Auto	matic	
STRUCT. NO061-0036 (Existing)	D	В	U	м	Surface Water Elev. 511.0 ft	D	В	U	М
Station 1251+66	E	L	С	0	Stream Bed Elev. 510.6 ft	E	L	С	0
DODING NO D 404	P	O W	S	S	0	P	O W	s	S
BORING NO. <u>B-101</u> Station 1251+89	H	s	Qu	T	Groundwater Elev.: First Encounter 503.9 ft ▼	H	s	Qu	T
Offset 56 ft Rt					Upon Completion ft				
Ground Surface Elev. 513.9 ft	(ft)	(/6")	(tsf)	(%)	After Hrs ft	(ft)	(/6")	(tsf)	(%)
SANDY CLAY: Brown, low plastic, trace organics					CLAY: Gray and brown, high plastic, some sand, trace fine				
(A-6)		WH		-	gravel	-	3		
		1	0.6	25	(A-7) (continued)		6	3.8	15
	_	2	В				11	В	
Poor recovery		WH		-		-	4		
		WH	-	24			6	3.5	14
	5	WH	ļ			-25	11	В	
	_					\dashv			
Becomes gray and brown		WH		-			3		****
		3	-	19			6	3.1	16
		3				\dashv	9	В	
				i .		-			
		1			Sand content appears to		3		
		1 2	0.7 B	26	decrease	_	6 9	2.5 B	18
	▼-10		- B	-		_30	9	В	
			-						
	_	2	0.9	18					
		3	S/15	18	SILTY CLAY: Brown, low plastic				
	-				(A-6)	\neg			
	_			<u> </u>					
		1	0.8	18			2	0.9	26
CLAY: Gray and brown, high	-15	3	B	"		-35	3	В.	20
plastic, some sand, trace fine gravel									
(A–7)		5		-		_			
Becomes grayish brown		9	5.6	12	476.9	_	-		
	-	12	S/10		CLAY: Gray, high plastic, trace to				
					some sand, trace fine gravel				
	-	2		-	***		1		
		5	5.0	13		-	3	1.0	22
•	-20		В	1	i	-40	3	В	1

of Transportation Division of Highways Illinois Department of Transportation	ion			OIL BORIN			Date	06	01/09
ROUTE FAP 327 DE		s		Replacement – US ! Creek	50 over Lackey	LOGGE	D BY	S	CI
ECTION 15B-1	LOCAT	TION	~0.2	mile E of Union (MO)	Pacific RR; SW	1⁄4, SEC.	12, TV	VP. 2N	RNC
OUNTY Marion DRILLING	METHOD		CI	ME 750 w/HSA	HAMMER TYP	E	Auto	matic	
TRUCT. NO. 061-0036 (Existing)	D B E L P O T W H S (ft) (/6")	U C S Qu (tsf)		Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After _ Hrs. plastic, some sand, t gravel	510.6 ft 503.9 ft ft ft ft	D E P T H (ft)	B L O W S	U C S Qu (tsf)	M O I S T (%)
A–7) (continued) Becomes grayish brown, some	1			(A-7) Boring terminated a	t 60 feet.				
and 466.9	4 45 5	1.7 B	18			65 			
LAYEY SILT: Grayish brown, ow plastic, some sand A–4)	5 5 -50 9	1.5 B	17			70			
	1 4 -55 7	2.1 B	15	·					
CLAY: Grayish brown, high 454.4		1.0 B	23			-80		-	

DESIGNED CHECKED DRAWN W.J.S.

CHECKED C.J.F.





					-						
EET NO.9	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE'						
	327	15B-1	MARION	58	41						
SHEETS		SN 061-2026	CONTRACT	NO. 76	A59						
	FED. RO	FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT 327									